

WHAT IS CLAIMED IS:

1. A gamma correction device in an image capturing apparatus, the gamma correction device performing gamma correction on a video signal from an image capturing element on the basis of at least one correction curve having a predetermined input-output characteristic, wherein said at least one correction curve has a slope of 5.0 or less at the origin such that a corrected video signal conforms to film properties.

2. The gamma correction device in the image capturing apparatus according to claim 1, wherein the slope of said at least one correction curve at the origin is settable based on various conditions.

3. The gamma correction device in the image capturing apparatus according to claim 1, wherein said at least one correction curve comprises a plurality of correction curves having different slopes and being selectable based on various conditions.

4. A gamma correction device in an image capturing apparatus, the gamma correction device performing gamma correction on a video signal from an image capturing element

on the basis of at least one correction curve having a predetermined input-output characteristic, wherein said at least one correction curve comprises a composite of a correction curve segment lying from the origin to a predetermined level of an input signal such that a corrected video signal conforms to a cathode-ray tube monitor and another correction curve segment lying above the predetermined level of the input signal such that the corrected video signal conforms to film properties, and both correction curve segments are continuously combined and have the same slope at the predetermined level of the input signal.

5. The gamma correction device in the image capturing apparatus according to claim 4, wherein the predetermined level of the input signal is settable based on various conditions.

6. The gamma correction device in the image capturing apparatus according to claim 4, wherein said at least one correction curve comprises a plurality of correction curves having different predetermined levels of the input signals and being selectable based on various conditions.